## Write algorithm for Lab1 here.

## Remember to follow the rules of what makes a good algorithm from Notes #2.

Algorithm

1. Output the purpose of the program.
2. Prompt user for the number of seconds between each birth, death, and immigration in a country.
3. Prompt user to input the current population of a country and the number of years in the future they want to know the population.
4. Calculate the number of seconds in a year and store it in a variable.
5. Calculate the expected population in the future and output it as an integer.
   1. Keep results as floats until after the calculations have been performed.
6. Output whether the population will have increased or decreased.